



TOWN OF WALLINGFORD

Open Competitive Examination

Human Resources Department
Wallingford Town Hall
Room 301
45 South Main Street
Wallingford, Connecticut 06492
Telephone: (203) 294-2080
Fax: (203) 294-2084

CHEMIST

Water and Sewer Divisions

\$73,068 - \$93,488 (Annually)

General Statement of Duties: This is very responsible chemist work at the full performance level involving the chemical, bacteriological and physical analyses of raw (untreated) and potable (treated) water and wastewater. Work involves responsibility for the accurate analysis and interpretation of water and wastewater samples to confirm compliance with all local, state and federal laws regarding drinking water quality and wastewater discharge. Duties include testing and analyzing water and chemical samples, tabulating reports, preparing correspondence and maintaining laboratory certification and training laboratory technicians. This position also has the responsibility for making standard water treatment and wastewater treatment chemical, biological and physical testing technical decisions. This work requires that the employee have good knowledge, skill and ability in chemistry and laboratory methods, principles and practices.

Examples of Duties: Supervises and performs chemical, biological and physical analyses of water samples, wastewater samples and wastewater sludge by wet chemistry and instrumentation, including gas chromatography and atomic absorption spectrophotometry in accordance with state approved methods. Analyzes chemical shipments for adherence to specifications and prepares reagents. Formulates and implements Quality Assurance Program for quality control. Performs chemical, microbiological and physical proficiency tests for maintenance of State certification. Tabulates and compiles test data and prepares reports. Maintains and calibrates laboratory instruments and analytical equipment. Performs all laboratory procedures in a safe manner and observes all safety procedures, especially in handling carcinogenic and other hazardous samples and materials. Purchases laboratory equipment and supplies. Coordinates industrial monitoring program and conducts analysis of industrial discharge samples. Trains and counsels' employees, administers union contract language and verbal warnings, and recommends higher level discipline. Assists in employee selection. Assures safe work practices. May coordinate data reporting and related issues with government agencies. Reports findings to the supervisor or others. Inputs data in computer systems and operates related equipment in a laboratory setting. Performs related work as required

Supervision Received: Works under the general supervision of the Superintendent - Sewer or other designated supervisor.

Supervision Exercised: Supervises the Laboratory Technicians and the work of other Sewer Division staff when assigned

Required Knowledge, Skills, and Abilities: Considerable knowledge of chemical, biological and physical analysis principles and practices as applied to water and wastewater treatment. Considerable knowledge of test laboratory principles and practices as applied to water and wastewater treatment. Considerable ability to conduct chemical and physical analyses of water samples and materials accurately and safely. Considerable ability in oral and written communications. Considerable ability to prepare laboratory reports and to maintain laboratory

records. Considerable ability to establish and maintain effective working relationships with coworkers, vendors and other governmental agencies.

Qualifications: A bachelor's degree from a recognized college or university in chemistry, biology or related field plus two (2) years of progressively responsible experience in chemical laboratory analytical work. Some experience with water and wastewater analysis, atomic absorption, graphite furnace, complex analytical equipment and standard laboratory QA/QC practices is preferred.

Special Requirements: Must obtain and maintain Laboratory Director Certification for chemistry and microbiology from the State of Connecticut Department of Public Health.

Fringe Benefits: Excellent Health Insurance Packages, Group Life Insurance, Pension Plan, Paid Holidays, Paid Vacations, Paid Sick Leave.

Application Forms: May be obtained at the Human Resources Department, Town of Wallingford, 45 South Main Street, Wallingford, CT 06492. Forms will be mailed upon request from the Human Resources Department or may be downloaded from the Department of Human Resources Web Page.

Examination: Written – 100% **or** Oral – 100% **or** Background Evaluation – 100% **or** Written-50%/Oral – 50% **or** Written 50%/Background Evaluation – 50% **or** Oral – 50%/Background Evaluation – 50%

Closing Date: The closing date will be the date the 50th application or resume is received or June 13, 2023 whichever occurs first.

THE TOWN OF WALLINGFORD IS AN EQUAL OPPORTUNITY EMPLOYER